

1044



1600

ENTERED

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/521,907
 DATE: 02/28/2002
 TIME: 12:14:40

Input Set : A:\21933US02 sequencelist.txt
 Output Set: N:\CRF3\02282002\I521907.raw

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4 <110> APPLICANT: Stale Peter Lyngstadaas
5   Stina Gestrelus
7 <120> TITLE OF INVENTION: Matrix composition for grafting
10 <130> FILE REFERENCE: 21933US02
12 <140> CURRENT APPLICATION NUMBER: US 09/521,907
13 <141> CURRENT FILING DATE: 2000-03-09
15 <150> PRIOR APPLICATION NUMBER: PA 1999 00337
16 <151> PRIOR FILING DATE: 1999-03-10
18 <150> PRIOR APPLICATION NUMBER: US 60/134,954
19 <151> PRIOR FILING DATE: 1999-05-19
21 <160> NUMBER OF SEQ ID NOS: 5
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 407
27 <212> TYPE: PRT
28 <213> ORGANISM: rat
30 <400> SEQUENCE: 1
31 Met Ser Ala Ser Lys Ile Pro Leu Phe Lys Met Lys Gly Leu Leu Leu
32 1 5 10 15
33 Phe Leu Ser Leu Val Lys Met Ser Leu Ala Val Pro Ala Phe Pro Gln
34 20 25 30
35 Gln Pro Gly Ala Gln Gly Met Ala Pro Pro Gly Met Ala Ser Leu Ser
36 35 40 45
37 Leu Glu Thr Met Arg Gln Leu Gly Ser Leu Gln Gly Leu Asn Ala Leu
38 50 55 60
39 Ser Gln Tyr Ser Arg Leu Gly Phe Gly Lys Ala Leu Asn Ser Leu Trp
40 65 70 75 80
41 Leu His Gly Leu Leu Pro Pro His Asn Ser Phe Pro Trp Ile Gly Pro
42 85 90 95
43 Arg Glu His Glu Thr Gln Gln Pro Ser Leu Gln Pro His Gln Pro Gly
44 100 105 110
45 Leu Lys Pro Phe Leu Gln Pro Thr Ala Ala Thr Gly Val Gln Val Thr
46 115 120 125
47 Pro Gln Lys Pro Gly Pro His Pro Pro Met His Pro Gly Gln Leu Pro
48 130 135 140
49 Leu Gln Glu Gly Glu Leu Ile Ala Pro Asp Glu Pro Gln Val Ala Pro
50 145 150 155 160
51 Ser Glu Asn Pro Pro Thr Pro Glu Val Pro Ile Met Asp Phe Ala Asp
52 165 170 175
53 Pro Gln Phe Pro Thr Val Phe Gln Ile Ala His Ser Leu Ser Arg Gly
54 180 185 190
55 Pro Met Ala His Asn Lys Val Pro Thr Phe Tyr Pro Gly Met Phe Tyr
56 195 200 205
  
```

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```

57 Met Ser Tyr Gly Ala Asn Gln Leu Asn Ala Pro Gly Arg Ile Gly Phe
58      210      215      220
59 Met Ser Ser Glu Glu Met Pro Gly Glu Arg Gly Ser Pro Met Ala Tyr
60 225      230      235      240
61 Gly Thr Leu Phe Pro Gly Tyr Gly Gly Phe Arg Gln Thr Leu Arg Gly
62      245      250      255
63 Leu Asn Gln Asn Ser Pro Lys Gly Gly Asp Phe Thr Val Glu Val Asp
64      260      265      270
65 Ser Pro Val Ser Val Thr Lys Gly Pro Glu Lys Gly Glu Gly Pro Glu
66      275      280      285
67 Gly Ser Pro Leu Gln Glu Ala Ser Pro Asp Lys Gly Glu Asn Pro Ala
68      290      295      300
69 Leu Leu Ser Gln Ile Ala Pro Gly Ala His Ala Gly Leu Leu Ala Phe
70 305      310      315      320
71 Pro Asn Asp His Ile Pro Asn Met Ala Arg Gly Pro Ala Gly Gln Arg
72      325      330      335
73 Leu Leu Gly Val Thr Pro Ala Ala Ala Asp Pro Leu Ile Thr Pro Glu
74      340      345      350
75 Leu Ala Glu Val Tyr Glu Thr Tyr Gly Ala Asp Val Thr Thr Pro Leu
76      355      360      365
77 Gly Asp Gly Glu Ala Thr Met Asp Ile Thr Met Ser Pro Asp Thr Gln
78      370      375      380
79 Gln Pro Pro Met Pro Gly Asn Lys Val His Gln Pro Gln Val His Asn
80 385      390      395      400
81 Ala Trp Arg Phe Gln Glu Pro
82      405
85 <210> SEQ ID NO: 2
86 <211> LENGTH: 4
87 <212> TYPE: PRT
88 <213> ORGANISM: rat
90 <220> FEATURE:
91 <221> NAME/KEY: PEPTIDE
92 <222> LOCATION: (1)...(4)
93 <223> OTHER INFORMATION: DGEA
95 <400> SEQUENCE: 2
96 Asp Gly Glu Ala
97 1
100 <210> SEQ ID NO: 3
101 <211> LENGTH: 4
102 <212> TYPE: PRT
103 <213> ORGANISM: rat
105 <220> FEATURE:
106 <221> NAME/KEY: PEPTIDE
107 <222> LOCATION: (1)...(4)
108 <223> OTHER INFORMATION: VTKG
110 <400> SEQUENCE: 3
111 Val Thr Lys Gly
112 1
115 <210> SEQ ID NO: 4

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116 <211> LENGTH: 4
117 <212> TYPE: PRT
118 <213> ORGANISM: rat
120 <220> FEATURE:
121 <221> NAME/KEY: PEPTIDE
122 <222> LOCATION: (1)...(4)
123 <223> OTHER INFORMATION: EKGE
125 <400> SEQUENCE: 4
126 Glu Lys Gly Glu
127 1
130 <210> SEQ ID NO: 5
131 <211> LENGTH: 4
132 <212> TYPE: PRT
133 <213> ORGANISM: rat
135 <220> FEATURE:
136 <221> NAME/KEY: PEPTIDE
137 <222> LOCATION: (1)...(4)
138 <223> OTHER INFORMATION: DKGE
140 <400> SEQUENCE: 5
141 Asp Lys Gly Glu
142 1

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/521,907

DATE: 02/28/2002

TIME: 12:14:41

Input Set : A:\21933US02 sequencelist.txt

Output Set: N:\CRF3\02282002\I521907.raw